

## 96-110 ANTI-STAPH (HAY) HEAVY CHAIN VARIABLE REGION (TYPE IIIA)

GAAGTCATGCTGGTGAGTCTCGTGAGAGATTGGTCAGCCTAAGGCTCTTGAACCTCTCATGTCAGCCTCTGGATTCACCTTCAAT  
 E V M L V E S G G G L V Q P K G S L K L S C A A S G F T F N

AACTAGCCATGAAT TGGTCCGCGAGGCTCCAGGAAGGTTTGAATGGTTGCT

N Y A M N W V R Q A P G K G L E W V A

CGCATAGAGTAAGTAATAATTATGCCACATTTATGCCGATTCAGTCAAGAC

R I R S K S N N Y A T F Y A D S V K D

AGGTCACCATCTCCAGAGATCAAAAGCATGCTCTATCTGCAATGAACATGAAACTGAGGACAGCCATGTATTACTGTGTGAGA  
 R F T I S R D S Q S M L Y L Q M N N L K T E D T A M Y Y C V R

CGGGGGCTTCAGGGATTGACTATGCTATGGACTAC TGGGCTCAAGGAACCTCACTCACGCTCTCTCA SEQ ID NO. 86

R G A S G I D Y A M D Y W G Q G T S L T V S S SEQ ID NO. 87

## 96-110 ANTI-STAPH (HAY) LIGHT CHAIN VARIABLE REGION (TYPE VI)

CAAAATGTTCTCTCCAGATCTCCAGCAATCTGTCTGCATCTCCAGGGGAAAGGTCACATGACTTGC

Q I V L S Q S P A I L S A S P G E K V T M T C

AGGCCAGCTCAAGTGTAAATTACATGCAC

R A S S S V N Y M H

TGTTACACGAGAGCCAGGATCTCTCCCAACCTGGATTCT GCCACATCCAACTGGTCTCT

W Y Q Q K P G S S P K P W I S A T S N L A S

GGAGTCCCTGCTCCCTCTAGTGGAGGTGGGTCTGGACCTCTTACTCTTCACATCAGCAGAGTGGAGGCTGAAGTCTGCCACTTATTACTGC

G V P A R F S G S G S G T S Y S L T I S R V E A E D A A T Y Y C

CAGCAGTGGAGTACTAACCCACCACG TTCGAGGGGGGACCATCTTGGAAATAAGA SEQ ID NO. 88

Q Q W S S N P P T F G G G T M L E I R SEQ ID NO. 89

CDR REGIONS UNDERLINED

**FIG. 12**